

Exit Ticket: Point-Slope Form

Write an equation in point-slope form for the line through the given point with the given slope.

1 $(3, 4); m = -5$

Ⓐ $y + 4 = -5(x - 3)$

Ⓑ $y + 4 = -5x + 3$

Ⓒ $y - 4 = -5(x - 3)$

Ⓓ $y - 4 = -5(x + 3)$

2 $(10, -2); m = -\frac{1}{6}$

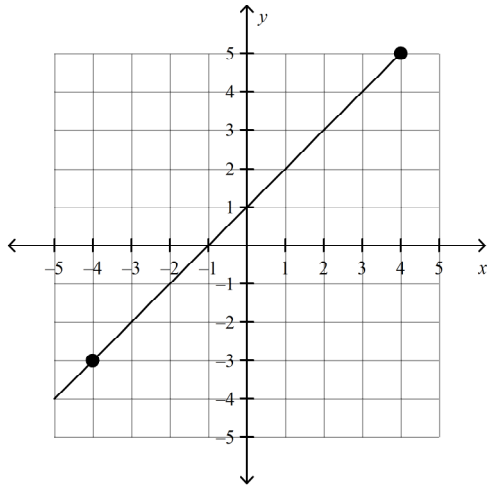
Ⓐ $y + 2 = -\frac{1}{6}(x - 10)$

Ⓑ $y - 2 = -\frac{1}{6}(x - 10)$

Ⓒ $y - 10 = -\frac{1}{6}(x + 2)$

Ⓓ $y - 2 = -\frac{1}{6}(x + 10)$

What is an equation of the line?

3

Ⓐ $y + 3 = (x + 4)$

Ⓑ $y - 3 = 2(x - 4)$

Ⓒ $y + 3 = -(x - 4)$

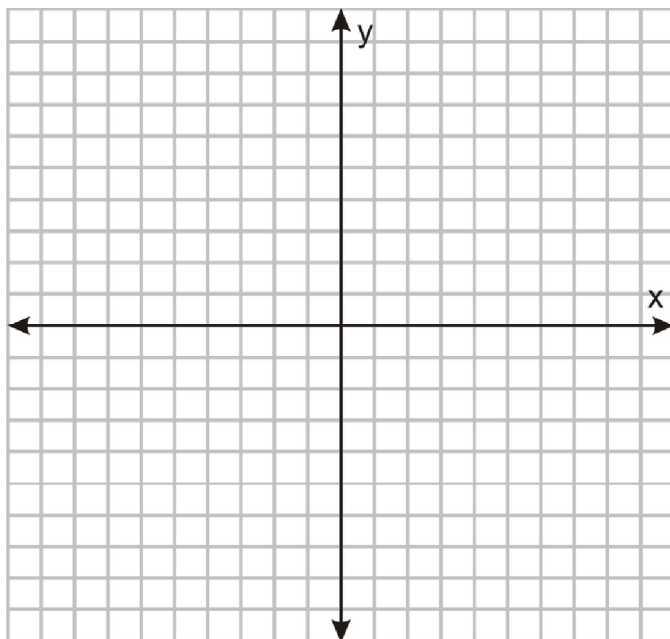
Ⓓ $y + 5 = 2(x + 4)$

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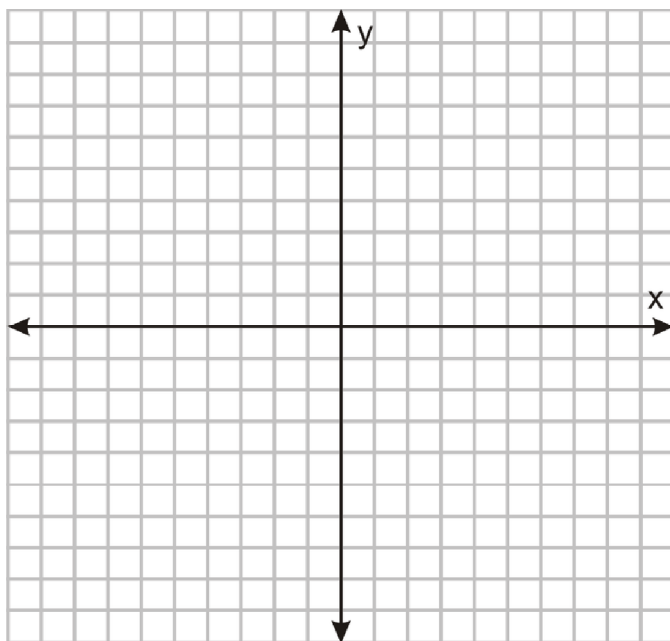
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Graph the equation.

4 $y - 1 = 2(x + 3)$



5 $y + 2 = \frac{4}{3}(x - 2)$



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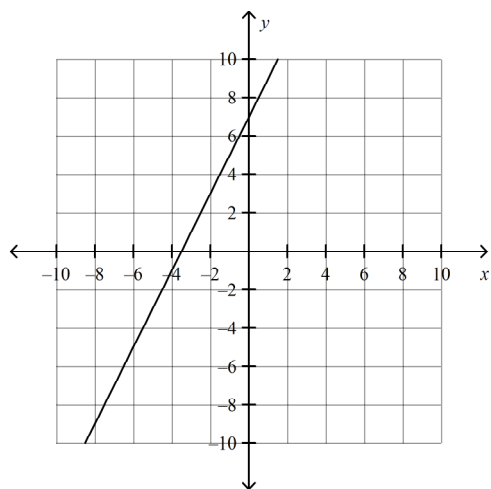
Answer Section

1 C

2 A

3 A

4



5

